

From: Steve Platt/R3/USEPA/US
Sent: 9/6/2012 2:45:50 PM
To: Victoria Binetti/R3/USEPA/US@EPA
CC: KarenD Johnson/R3/USEPA/US@EPA
Subject: Re: Fw: recommended parameters for well water testing

Vicky,

You sent this out when I was on vacation and I did not have time to look at it until now. My comment is based on what we learned at the Shallow Gas Migration conference in Cleveland. If methane is part of the sampling, it is imperative that when the sample is collected the following information is also collected. Time of day, outside temperature, barometric pressure, pH and rainfall in last 24/48 hours. Temperature and barometric pressure are very important because they can significantly effect the results. It's also another reason why you can not readily rely on a single sample, because if that sample was collected during the hottest part of the day, methane concentrations can be significantly greater. Significant changes can occur within hours. I know its after September 4, but I believe it's critical information to include.

Go to the GWPC website. They now have up all the papers presented at the conference and they provide good information to assist with the sampling list..

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Cc: Linda Boornazian/R3/USEPA/US@EPA, Dennis Carney/R3/USEPA/US@EPA
Date: 08/28/2012 01:59 PM
Subject: Fw: recommended parameters for well water testing

Jon and Linda have asked us to review/recommend a list of parameters that would provide a good baseline for assessing potential effects from hydraulic fracturing/gas well drilling. Please take a look at the comparison of lists from other organizations that is in the Penn State Extension Service document attached here, for starters. I know we have spoken about glycols, bromides, MBAS, etc., so please think about the relative value (and utility) of including such chemicals.

Please provide any input by COB Tuesday, September 4th. We can meet to discuss if folks would like. Thanks.--Vicky

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----- Forwarded by Victoria Binetti/R3/USEPA/US on 08/28/2012 01:18 PM -----

From: Linda Boornazian/R3/USEPA/US
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Cc: Jon Capacasa/R3/USEPA/US, Angela McFadden/R3/USEPA/US, Dennis Carney/R3/USEPA/US@EPA
Date: 08/28/2012 11:07 AM
Subject: Fw: recommended parameters for well water testing

Vicky, Jon has been providing assistance to the Marcellus Round Table discussions. One thing we comment on was the

parameters they were recommending for testing should be reviewed. We volunteered to send them a list of parameters for sampling GW(private wells). We have the parameters used in Dimick, a list provided from several organizations provided below and the parameters ORD is using. Can you provide us with what parameters are important to do a baseline for private drinking water wells to assess if Fracking is of concern.

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----- Forwarded by Linda Boornazian/R3/USEPA/US on 08/28/2012 11:02 AM -----

From: Angela McFadden/R3/USEPA/US
To: Linda Boornazian/R3/USEPA/US@EPA, Jon Capacasa/R3/USEPA/US@EPA
Date: 08/28/2012 09:40 AM
Subject: recommended parameters for well water testing

Page 3 of this Penn State Extension document provides a side-by-side comparison of recommendations from three state agencies and two academic ones.

[attachment "updated_water_testing__29_-_june_2012.pub[1].pdf" deleted by Steve Platt/R3/USEPA/US]

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